R/V DAN MOORE STATION LOG

VESSEL (1)	STATION (2-5)	CRUISE NO. (6-8)	MO. DAY YEAR (9-14)	GRID (15-17)	LATITUDE (18-21)	LONGITUDE (22-25)
M	2944	038	01 22 76	26AA	3646	7547

DEPTH (26-29)	SUR. TEMP. (30-31)	BTM TEMP. (32-33)	AIR TEMP (34-35)	BAROMETER (36-38)	BT (39)	WIND DIR. (40-41)	WIND SPD. (42-43)
0009	05	06	04	003	X	NW	35

S.C. (44)	WEA. (45-46)	BTM TYPE (47-48)	BTM REG (49)	GEAR TYPE (50-51)	GEAR SIZE (52-54)	OP (55)	TM. START (56-57)	MIN. FISHED (58-60)
3	CL	SA	E	FT	151	—	16	030

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
01	04400	—	—	—

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
—	—	—	—	—

POSITION	LATITUDE	LONGITUDE	LORAN		DEPTH fms	C/C	TIME ON STATION	
			3H4	5H5			PO	DO
START	36° 46′	75° 47′	1962	3065	9		1620	1621
							PU	ON
FINISH	36° 48′	75° 48′	1980	3068	9		1651	1655

LENGTH WARP	SHAFT RPM	PITCH	GEAR DATA:
50	1209/5	50	

SPECIAL MODIFICATIONS

OPERATIONAL COMMENTS

OBSERVATIONS

Positive Hatchmarks

33 – BB

26AA ✓

+400

R/V DAN MOORE SPECIES LIST

STA. NO. 2944 DATE JAN 22 19 76 BIOLOGISTS BFH JV SGK

TOT. CATCH WT. 4400 AIR 4 SURFACE 5.2 BOTTOM 6.2

SAMPLE WT. 68 RAISING FACTOR 64.46

lbs/cat
68
89=5

SPECIES	C or NC	NUMBER	WEIGHT	TOT. WT. (pds)	$\bar{X}$ Wt	REMARKS
Alosa aestivalis		34	14	14	0.4	total catch
Brevoortia tyrannus		1210	68	4383.6	<0.1	
Scomberscombrus		6	2.4	2.4	0.4	total

Species: *Alosa aestivalis*

Specimen Number	T.L.	Sex	Otoliths	Gonads	Fecundity	Back-calc.	Age	Gonad Stage	Station Number	Remarks
451	241	♀						I	2944	
52	238	♂						♂	—	
53	234	♂							2945	
54	207	♂						IMM	—	
55	233	♂							—	
56	270	♀						III	—	
57	247	♀						I	—	
58	244	♀						I	—	
59	253	♀						I	—	
60	265	♂							—	
61	211	♀						IMM	—	
62	268	♀						I	—	
63	257	♀						I	—	
64	242	♀						I	—	
65	182	♂						IMM	—	
66	138	♀						I	—	
67	82	UNK						IMM	2948	
68	81	UNK						IMM	—	
69	84	UNK						IMM	—	
70	74	UNK						IMM	—	
71	80	UNK						IMM	—	
72	76	UNK						IMM	—	
73	78	UNK						IMM	—	
74	93	UNK						IMM	—	
75	118	UNK						IMM	—	two stations left out 2949 & 50
76	206	♂						IMM	2951	
77	227	♂							—	
78	230	♀						II	—	
79	216	♂						IMM	—	
80	238	♀						II	—	
81	236	♂						IMM	—	(3)
82	254	♀						II	—	
83	245	♀						II	—	
84	235	♀						I	—	
85	233	♀						I	—	
86	248	♀						II	—	
87	270	♀						II	—	
88	277	♀						II	—	
89	226	♀						I	—	
90	263	♀						I	—	
91	235	♂							—	
92	227	♀						I	—	
93	220	♀						I	—	
94	238	♂							—	
95	235	♂							—	
96	250	♀						II	—	
97	251	♀						I	—	
98	233	♂							—	
99	260	♀						II	—	
500	231	♂							—	

Species: *Alosa aestivalis*

Specimen Number	F.L.	Sex	Otoliths	Gonads	Fecundity	Back Calc	Age	Gonad Stage	Station Number	Remarks
401	60	UNK						IMM	2940	
2	72	-						-	-	
3	75	-						-	-	
4	76	-						-	-	
5	69	-						-	-	
6	76	-						-	-	
7	78	-						-	-	
8	79	-						-	-	
9	72	-						-	-	
10	78	-						-	-	
11	73	-						-	-	
12	77	-						-	-	
13	62	-						-	-	
14	NO LENGTH	-						-	-	
15	"	-						-	-	
16	"	-						-	-	
17	78	-						-	2942	
18	80	-						-	-	
19	253	♂							2944	
20	257	♂							-	
21	253	♀						I	-	
22	251	♂							-	
23	248	♀						IMM	-	
24	251	♀						I	-	
25	246	♂						-	-	
26	222	♀						IMM	-	(1)
27	264	♀						I	-	
28	267	♂							-	
29	294	♀						I	-	
30	281	♀						IMM	-	
31	271	♀						I	-	
32	247	♀						I	-	
33	197	♂						IMM	-	
34	203	♀						IMM	-	
35	225	♀						IMM	-	
36	275	♀						I	-	
37	277	♀						I	-	
38	256	♂							-	
39	241	♂							-	
40	235	♀						IMM	-	
41	203	♂						IMM	-	
42	206	♀						IMM	-	
43	177	♀						IMM	-	
44	191	♀						IMM	-	
45	235	♀						I	-	
46	214	♀						IMM	-	
47	211	♂						IMM	-	
48	175	♂						IMM	-	
49	193	♂						IMM	-	
450	236	♀						I	-	

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LENGTH - FREQUENCY DISTRIBUTION

SPECIES: *A. castroides*

DATE: 1/22/76

STATION: 2944

LOCALITY: 26 AM

T.L.	♂	♀	Unk		T.L.	♂	♀	Unk	
50-59.9					550-				
60-					560-				
70-					570-				
80-					580-				
90-					590-				
100-					600-				
110-					610-				
120-					620-				
130-					630-				
140-					640-				
150-					650-				
160-					660-				
170-	1	1			670-				
180-					680-				
190-	2	1			690-				
200-	1	2			700-				
210-	1	1							
220-		2							
230-	1	3			TOTAL	13	21		
240-	2	3							
250-	4	2							
260-	1	1							
270-		3							
280-		1							
290-		1							
300-									
310-									
320-						N = 34			
330-									
340-						RANGE ♂ 175 - 267			
350-									
360-							♀ 177 - 294		
370									
380-									
390-									
400-									
410-									
420-									
430-									
440-									
450-									
460-									
470-									
480-									
490-									
500-									
510-									
520									
530-									
540-									

RIGHT
彩
照
姓名：
Name
职务：
Post
单位：
Unit
No:
Date:
HUA JIE H.3201
inch

LEFT
彩
照
姓名：
Name
职务：
Post
单位：
Unit
No:
Date:

R/V DAN MOORE STATION LOG

VESSEL (1)	STATION (2-5)	CRUISE NO. (6-8)	MO. (9-14)	DAY	YEAR	GRID (15-17)	LATITUDE (18-21)	LONGITUDE (22-25)
M	2945	038	01	27	76	26BA	3658	7545

DEPTH (26-29)	SUR. TEMP. (30-31)	BTM TEMP. (32-33)	AIR TEMP (34-35)	BAROMETER (36-38)	BT (39)	WIND DIR. (40-41)	WIND SPD. (42-43)
0007	07	07	12	023	Y	S	15

S.C. (44)	WEA. (45-46)	BTM TYPE (47-48)	BTM REG (49)	GEAR TYPE (50-51)	GEAR SIZE (52-54)	OP (55)	TM. START (56-57)	MIN. FISHED (58-60)
3	OC	SA	E	FT	070	—	12	030

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
01	00018	0001	—	00001

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
—	—	—	—	—

POSITION	LATITUDE	LONGITUDE	LORAN		DEPTH fms	C/C	TIME ON STATION	
			3H4	3H5			PO	DO
START	36°58'	75°45'	2089	3085	7		1220	1221
							PU	ON
FINISH	36°59'	75°43'	2112	3087	8		1251	1254

LENGTH WARP	SHAFT RPM	PITCH	GEAR DATA:
50	1209	50	

SPECIAL MODIFICATIONS

OPERATIONAL COMMENTS

345 CIRCLE

OBSERVATIONS

Pin Fish - numerous

15 - RB

8 - Hake

3 - Pan Shad

26DA

R/V DAN MOORE SPECIES LIST

STA. NO. 2945 DATE JAN 27 19 76 BIOLOGISTS BFH JV SCH

TOT. CATCH WT. 20.9 AIR 12 SURFACE 7.2 BOTTOM 6.6

SAMPLE WT. 20.9 RAISING FACTOR 0

22

SPECIES	C or NC	NUMBER	WEIGHT	TOT. WT. (pds)	$\bar{X}$ Wt	REMARKS
Alosa aestivalis		15	5		0.3	
Alosa pseudoharengus		8	4.3		0.5	
Alosa sapidissima		3	3.5		1.2	
Dorosoma cepedianum		1	0.8		0.8	
Dorosoma petenense		1	0.8		0.8	
Leiostomus xanthurus		5	0.5		0.1	
Pogonias cromis		1	0.5		6.5	
Scianthalmus amarus		4	3		0.8	
Brevoortia tyrannus		2	0.4		0.2	
Rissola marginata		1	0.1		0.1	
Etrumeus teres		numerous			<0.1	
Cynoscion nebulosus		1	trace			
Peprilus alepidotus		1	0.1		0.1	
Trachinotus carolinus		1	0.7		0.7	
Anchoa mitchilli		10	0.5		<0.1	
[illegible]			1			

Species. *Alosa aestivalis*

Specimen Number	T.L.	Sex	Otoliths	Gonads	Fecundity	Back-calc.	Age	Gonad Stage	Station Number	Remarks
451	241	♀						I	2944	
52	239	♂							—	
53	234	♂							2945	
54	207	♂						IMM	—	
55	233	♂							—	
56	270	♀						III	—	
57	247	♀						I	—	
58	244	♀						I	—	
59	253	♀						I	—	
60	265	♂							—	
61	211	♀						IMM	—	
62	268	♀						I	—	
63	257	♀						I	—	
64	242	♀						I	—	
65	182	♂						IMM	—	
66	138	♀						I	—	
67	82	UNK						IMM	2948	
68	81	UNK						IMM	—	
69	84	UNK								
70	74	UNK								
71	80	UNK								
72	76	UNK								
73	78	UNK								
74	93									
75	118									
76	206	♂						IMM	2951	
77	227	♂							—	
78	230	♀						II	—	
79	216	♂						IMM	—	
80	238	♀						II	—	
81	236	♂							—	
82	254	♀						III	—	
83	245	♀						II	—	
84	235	♀						I	—	
85	233	♀						I	—	
86	248	♀						II	—	
87	270	♀						II	—	
88	277	♀						II	—	
89	226	♀						I	—	
90	263	♀						I	—	
91	235	♂							—	
92	227	♀						I	—	
93	220	♀						I	—	
94	238	♂							—	
95	235	♂							—	
96	250	♀						II	—	
97	251	♀						I	—	
98	233	♂							—	
99	260	♀						II	—	

two stations left out 2947 & 50

Species: *Alosa sapidissima* (Am. shad)

Specimen Number	T.L.	Sex	Otoliths	Gonads	Fecundity	Back-calc	Age	Gonad Stage	Station Number	Remarks
1	105	♂	–	–	–	–	–	IMM	2930	
2	132	♀	–	–	–	–	–	IMM	–	
3	142	♀	–	–	–	–	–	IMM	–	
4	112	♀	–	–	–	–	–	IMM	–	
5	105	♀	–	–	–	–	–	IMM	2931	
6	117	♂						IMM	2932	
7	110	♂						–	–	
8	105	♀						–	–	
9	97	♂						–	–	
10	112	♂						–	–	
11	121	♂						–	–	
12	108	♀						–	–	
13	112	♂						–	2934	
14	104	♂						–	–	
15	246	♂						–	2936	
16	123	♀						–	2939	
17	140	♀						–	2940	
18	144	♀						–	–	
19	108	♂						–	2942	
20	116	♂						–	–	
21	116	♂						–	–	
22	108	♂						–	–	
23	97	♂						–	–	
24	98	♂						–	–	
25	450	♂							2945	
26	248	♂						IMM	–	
27	164	♂						IMM	–	
28	151	♀						IMM	–	
29	220	♂							2948	
30	134	♀						IMM	–	
31	110	♂						IMM	–	
32	102	♂						IMM	–	
33	138	♀						IM	–	
34	118	♂						IMM	–	
35	123	♂						IM	–	
36	127	♂						IMM	–	
37	131	♀						IM	–	
38	135	♀						IM	–	
39	122	♂						IM	–	
40	118	♀						IMM	–	
41	123	♂						IM	–	
42	126	♂						IM	–	
43	134	♂						IM	–	
44	175	♀						IMM	–	
45	124	♂						IMM	–	
46	141	♀						IM	–	
47	137	♀						IMM	–	
48	124	♂						IM	–	
49	114	♀						IM	–	

LENGTH - FREQUENCY DISTRIBUTION

SPECIES: A. lapidicina

DATE: 1/27/76

STATION: 2945

LOCALITY: 26BA

T.L.	♂	♀	Unk
50-59.9			
60-			
70-			
80-			
90-			
100-			
110-			
120-			
130-			
140-			
150-		1	
160-	1		
170-			
180-			
190-			
200-			
210-			
220-			
230-			
240-	1		
250-			
260-			
270-			
280-			
290-			
300-			
310-			
320-			
330-			
340-			
350-			
360-			
370			
380-			
390-			
400-			
410-			
420-			
430-			
440-			
450-	1		
460-			
470-			
480-			
490-			
500-			
510-			
520			
530-			
540-			

T.L.	♂	♀	Unk
550-			
560-			
570-			
580-			
590-			
600-			
610-			
620-			
630-			
640-			
650-			
660-			
670-			
680-			
690-			
700-			
TOTAL	3	1	

N = 4

Range ♂ 164-450

♀ 151

LENGTH - FREQUENCY DISTRIBUTION

SPECIES: A. pseudoharengus

DATE: 11/27/76

STATION: 2945

LOCALITY: 26BA

T.L.	♂	♀	Unk		T.L.	♂	♀	Unk	
50-59.9					550-				
60-					560-				
70-					570-				
80-					580-				
90-					590-				
100-					600-				
110-					610-				
120-					620-				
130-					630-				
140-					640-				
150-					650-				
160-					660-				
170-					670-				
180-					680-				
190-					690-				
200-					700-				
210-									
220-									
230-		1			TOTAL	4	4		
240-	4	1							
250-									
260-		2							
270-									
280-						N=8			
290-									
300-						Range ♂		245-249	
310-									
320-							♀	238-245	
330-									
340-									
350-									
360-									
370									
380-									
390-									
400-									
410-									
420-									
430-									
440-									
450-									
460-									
470-									
480-									
490-									
500-									
510-									
520									
530-									

LENGTH - FREQUENCY DISTRIBUTION

SPECIES: A. aestivalis

DATE: 1/27/76

STATION: 2945

LOCALITY: 26BA

T. L.	♂	♀	Unk		T. L.	♂	♀	Unk	
50-59.9					550-				
60-					560-				
70-					570-				
80-					580-				
90-					590-				
100-					600-				
110-					610-				
120-					620-				
130-		1			630-				
140-					640-				
150-					650-				
160-					660-				
170-					670-				
180-	1				680-				
190-					690-				
200-	1				700-				
210-		1							
220-									
230-	2				TOTAL	5	9		
240-		3							
250-		2							
260-	1	1							
270-		1							
280-									
290-									
300-									
310-									
320-									
330-									
340-						N = 14			
350-									
360-						RANGE	♂ 182 - 265		
370									
380-							♀ 132 - 270		
390-									
400-									
410-									
420-									
430-									
440-									
450-									
460-									
470-									
480-									
490-									
500-									
510-									
520									
530-									

Length-frequency distribution

Species: Paralichthys dentatus — Station: 2945, 2684-

Date: JAN 27 1976 — Locality: I

T.L.	♂	♀
100 - 109		
110 -		
120 -		
130 -		
140 -		
150 -		
160 -		
170 -		
180 -		
190 -		
200 -		
210 -	11 (2)	0
220 -		
230 -		
240 -		
250 -		
260 -		
270 -		
280 -		
290 -		
300 -		
310 -		
320 -		
330 -		
340 -		
350 -		
360 -		
370 -		
380 -		
390 -		
400 -		
410 -		
420 -		
430 -		
440 -		
450 -		
460 -		
470 -		
480 -		
490 -		
500 -		
510 -		
520 -		
530 -		
540 -		
550 -		
560 -		
570 -		
580 -		

T.L.	
600 -	
610 -	
620 -	
630 -	
640 -	
650 -	
660 -	
670 -	
680 -	
690 -	
700 -	
710 -	
720 -	
730 -	
740 -	RANGE 212 - 214
750 -	
	♀ 0
	♂ 2

Species. Peprilus dentatus 26BA

Specimen Number	T.L.	Sex	Otoliths	Gonads	Fecundity	Stomachs	Age	Gonad Stage	Station Number	Remarks
1	218	♂							2545	Area I
2	212	♂							—	

Species: *Alosa pseudoharengus* (alewife)

Specimin Number	[redacted]	Sex	Otoliths	Gonads	Fecundity	Back-calc.	Age	Gonad Stage	Station Number	Remarks
1	248	♀						I	2932	
2	241	♀						III	2934	
3	No Length	♂							2942	
4	262	♂							2943	
5	[redacted]	♀						I	2945	
6	238	♀						I	-	
7	246	♀						III	-	
8	247	♂							-	
9	245	♂							-	
10	245	♂							-	
11	247	♂							-	
12	265	♀						III	[redacted]	
13	255	♀						II	2948	
14	244	♀						II	-	
15	106	♂						IMM	-	
16	111	♀						IMM	-	
17	121	♀						IMM	-	
18	111	♀						IMM	-	
19	110	♀						IMM	-	
20	105	UNK						IMM	-	
21	97	UNK						IMM	-	
22	108	UNK						IMM	-	
23	104	UNK						IMM	-	
24	87	UNK						IMM	-	
25	103	♀						IMM	-	
26	94	UNK						IMM	-	
27	95	UNK						IMM	-	
28	93	UNK						IMM	-	
29	227	♂						IMM	2949	
30	265	♂							-	
31	274	♀						II	-	
32										
33										
34										
35										
36										
37										
38										
39										
40										
41										
42										
43										
44										
45										
46										
47										
48										
49										